

# Manpower Utilization Quasi-longitudinal Data : 2010-2011

## Code Book

ques.num.	variable name <sup>1</sup>	variable label	value label	note
	year	The survey year		
<b>Part I: Manpower</b>				
	area	Region	1. Taipei City 2. Taiwan Province 3. Kaohsiung City	2010
			0. Taiwan Province 1. Taipei City 2. Kaohsiung City 3. New Taipei City 4. Taichung City 5. Tainan City	2011
	stage	Stratum		
	sampleid	Sample code		
	prefid	County code	Refer to Appendix 1-2	
	hussize	Persons aged 15 years or over in each sampled household		
	memberid	Serial no. of interviewees in household	Householder is 1, and the others are filled by the household registration order.	
0	respstatus	Are questions answered by interviewees himself/herself ?	1. Yes, by himself/herself 2. Equivalent 3. No, proxy	
1	relahushead	Relationship to householder	01. Householder 02. Spouse 03. Child 04. Grandchild 05. Parent 06. Grandparent 07. Brother/Sister 08. Child's spouse 09. Grandchild's spouse 10. Brother's/Sister's spouse 11. Spouse's parent 12. Spouse's brother/sister 13. Other relatives 14. Others	
2	sex	Sex	1. Male 2. Female	
3	age	Current age in full years		
4	marital	Marital status	1. Never married 2. Married and cohabited 3. Divorced or separated 4. Widowed	
5-1	schoolstatus	Are you attending schools currently ?	1. Yes 2. No, had been graduated 3. No, had been suspended 4. No, never attended any school that is (was) approved by the	

<sup>1</sup> Variables in the data file name by adding "\_1" and "\_2", "\_1" for the first phase of the data, "\_2" for the second phase of data.

ques.num.	variable name <sup>1</sup>	variable label	value label	note
			ministry of education	
5-2	edu	Educational attainment (highest)	01. Illiterate 02. Self-educated 03. Primary school 04. Junior high school 05. Senior high school 06. Vocational school 07. Junior college 08. University 09. Master's 10. Ph. D's	
6	discipline	Academic or professional specialty	01. Literature 02. Law 03. Business , management 04. Science 05. Engineering 06. Agriculture 07. Medical 08. Military and police 09. Education 10. Others	
7	retire	Did you retire from any public/private establishments before ? (Have you retire from any public/private establishments yet ? )	1. Yes 2. No	
8	work	What were you doing during most of last week ?	01. Undertaking a kind of work 02. Undertaking works after school hours 03. Undertaking works after housekeeping 04. Having a job but not at work 05. Jobless but seeking one or waiting for an offer after seeking 06. Intend and be able to work but not seeking 07. Attending schools or rebrushing to take entrance exams (mark (2) and (5) respectively, if working part-time or seeking jobs simultaneously) 08. Housekeeping (mark (3) or (5) respectively, if working part-time or seeking jobs simultaneously) 09. Old age (elders aged 65 or over) or disable 10. Idleness 11. Wound or illness 12. In armed force, prison or missing 13. Others	
9	a9	Were you undertaking any paid or unpaid family work last week ?	1. Undertaking work after school or housekeeping hours 2. Undertaking a kind of work 3. Having a job but not at work 4. Not undertaking any job	

ques.num.	variable name <sup>1</sup>	variable label	value label	note
10	How many hours did you work last week ?			
10	workhour	For the major job: full time _____ hours		
	a10_1b	For the major job: part time _____ hours		
	a10_2a	For the secondary job : full time _____ hours		
	a10_2b	For the secondary job : part time _____ hours		
11	whyunderwork	Why did you work less than 35 hours last week ?	01. Unfavorable conditions of business 02. Fail to find any job which is higher than 35 hours 03. Seasonal reasons 04. Bad weather or natural calamities 05. Work itself only need less than 35 hours' efforts 06. Take care of children 07. Take care of elders 08. Busy in housekeeping 09. Busy in studying/attending school 10. Wound or illness, official holidays, personal leaves (sick leaves excluded), and special days off 11. Unwilling to work longer 12. Others	
12	incworkhour	Do you expect an increase of working hours ?	1. Yes 2. No	
13	whynotworking	Why were you absent from work last week ?	1. Wound of illness 2. Seasonal reasons 3. Official holidays, personal leaves (sick leaves excluded), and special days off 4. Decide to work shortly but no pay for that currently 5. Not at work resulted from accidents even though having employed and paid 6. Waiting for a recall 7. Others	
14	ifjobispaid	Did you earn any pay from work last week ?	1. Yes 2. No	
15	a15	If there is a job offer, can you take it at once ?	1. Yes 3. No, because of attending school or rebrushing to take entrance exams 4. No, because of housekeeping 5. No, because of old age (elders aged 65 or over) or disable 6. No, because of idleness 7. No, because of wound or illness 8. No, because of others	
16	How did you seek a job?( tick all that apply)			

ques.num.	variable name <sup>1</sup>	variable label	value label	note
(1)	jobsrh1	Referenced by relatives, friends or teachers	0.No 1.Yes	
(2)	jobsrh2	Through private employment agencies	0.No 1.Yes	
(3)	jobsrh3	Referring recruiting advertisements or posters		
(4)	jobsrh4	Through public employment offices		
(5)	jobsrh5	Through civil service exams and placement		
(6)	jobsrh6	Others		
17	srchp_fjob	Do you expect a full-time job (weekly work hours are 40 or more) or a part-time job (weekly work hours are less than 40) ?	1. A full-time job 2. A part-time job	
18	unemplen	How long did you take to seek a job or wait for a recall while you were jobless ? _____weeks	99. Over 99 weeks	
19	primaryworker	Did you have a job before ?	1. Yes 2. No	
20	whyunemp	What was the main reason you left the last job mentioned in Q.19 ?	1. Business shrunk or establishment closed 2. Not satisfied with that job 3. Ill health 4. Seasonal or temporary work of that job finished 5. Got married or gave birth (if interviewee is female) 6. Retired 7. Busy in housekeeping 8. Others	
21	What is the main workplace you are/were in ?			
	workpref	county code	2010 Refer to Appendix 1-1 2011 Refer to Appendix 1-2	
(1)	worktown	Location	2010 Refer to Appendix 2-1 2011 Refer to Appendix 2-2	
(2)	indu	Major products or business	Refer to Appendix 3	
(3)	indusize	Number of employees	1. 1 person 2. 2-9 persons 3. 10-29 persons 4. 30-49 persons 5. 50-99 persons 6. 100-199 persons 7. 200-499 persons 8. 500 persons or more 9. Government organization	
21	a21_b2	What is the secondary workplace you are/were in ? (2) Major products or business	Refer to Appendix 3	
22	occu	What is/was your duty in the main workplace mentioned in Q.21 ? A. Description of the major job	2010 Refer to Appendix 4-1 2011 Refer to Appendix 4-2	
	a22_b	What is/was your duty in the main workplace mentioned in Q.21 ? B. Description of the secondary job		
23	What is/was the class of workers you are/were in for the undertaken work ?			
	workstus	A. For the major job	1. Employer	

ques.num.	variable name <sup>1</sup>	variable label	value label	note
	a23_b	B. For the secondary job	2. Own-account worker 3. Government employee 4. Private-sector employee 5. Unpaid family worker	
<b>Part II : Manpower Utilization</b>				
1	income	How much monthly income did you earn from your major job? Monthly income: NT\$ _____	000001. Financial deficiency 999999. NT\$999,999 and over	
2	b2_a	A. Do you work full-time or part-time at your main job?	1. Full-time 2. Part-time	
	b2_b	B. How many hours per week do you usually work in average? _____ Hours		
	b2_c	C. Is it a temporary or dispatched work or not?	1. Yes 2. No	
3	How long have you worked at the present place? Duration of present employment			
	cjobyear	_____ Years		
	cjobmonth	_____ Months		
4	b4	Before working at the present place, had you ever taken a gainful job or and unpaid family work for at least three months?	1. Yes, ever 2. No, never	
5	nochgjob	How many times have your working places been changed in 2009/2010?	0. None 1. Once 2. Twice 3. Three times or more	
6	Where was the place you previously worked and what sort of work did you mainly do up there ?			
	pworkpref	A. Major working site :county code	2010 Refer to Appendix 1-1 2011 Refer to Appendix 1-2	
	pworktown	A. Major working site (1) Location	2010 Refer to Appendix 2-1 2011 Refer to Appendix 2-2	
	pindu	A. Major working site (2) Major products or business	Refer to Appendix 3	
	pindusize	A. Major working site (3) Number of employees	1. 1 person 2. 2-9 persons 3. 10-29 persons 4. 30-49 persons 5. 50-99 persons 6. 100-199 persons 7. 200-499 persons 8. 500 persons or more 9. Government organization	
	poccu	B. Description of this major job	2010 Refer to Appendix 4-1 2011 Refer to Appendix 4-2	
	b6_c	C. Is it a part-time, temporary or dispatched work or not ?	1. Yes 2. No	
7	whyquitpjob	Why did you leave the place where you previously worked ?	01. Own account worker (or employer) transfers to another job 02. Unpaid family worker transfers to another job 03. Employee who willingly left his/her last job: Low pay 04. Employee who willingly left his/her last job: Expect to change working place 05. Employee who willingly left	

ques.num.	variable name <sup>1</sup>	variable label	value label	note
			his/her last job: : Inadequate working time 06.Employee who willingly left his/her last job: No job security 07.Employee who willingly left his/her last job: Poor working environment 08.Employee who willingly left his/her last job: Knowledge not met the job's need 09.Employee who willingly left his/her last job: Dim prospect 10.Employee who willingly left his/her last job: Ill health 11.Employee who willingly left his/her last job: Female employee getting married or giving birth 12.Employee who willingly left his/her last job: Voluntarily retired 13.Employee who willingly left his/her last job: Establish self own business/enterprise 14.Employee who willingly left his/her last job: Others 15.Employee who unwillingly left his/her last job: Workplace shutout or business downsize 16.Employee who unwillingly left his/her last job: Seasonal or temporary job completed 17.Employee who unwillingly left his/her last job: Layoff because of personnel reorganization in last workplace 18.Employee who unwillingly left his/her last job: Female employee getting married or giving birth 19.Employee who unwillingly left his/her last job: Relocated across workplaces but within enterprise 20.Employee who unwillingly left his/her last job: Mandatorily retired 21.Employee who unwillingly left his/her last job: Others	
8	waygetcjob	How did you get the present job?	01.Introduced by relatives/friends or teachers 02.Through employment service offices in schools 03.Through public employment service agencies 04.Through private employment agencies	

ques.num.	variable name <sup>1</sup>	variable label	value label	note
			05.Through labor unions 06.Referring advertisements or posters 07.Passed government exams and joined placements for civil service 08.Relocated across workplaces but within enterprise 09. Self/family own business 10. Others	
9	inttochgjob	Do you expect to change job or add an additional job in the meantime?	1. Expect to change job 2. Expect to add an additional job 3. Not expected to seek another job	
10	startsrhjob	Have you begun to seek a job?	1. Yes, I have 2. No, I have not	
11	expoccu	A. What kind of job do you expect to find? Your expected job title	2010 Refer to Appendix 4-1 2011 Refer to Appendix 4-2	
	expincome	B. How much monthly pay do you expect?		
	b11_c	C. Is it a part-time, temporary or dispatched work or not?	1. Yes 2. No	
12	Did you encounter any job opportunity while you were seeking?			
	havingjobopp	A. Yes. What was the main reason that you did not go for it?	1. Pay too low 2. Unpreferable working location	
	b12_a2	A. Yes. What was the secondary reason that you did not go for it?	3. Poor working environment 4. Inadequate working hours	
	b12_a3	A. Yes. What was the sub-secondary reason that you did not go for it?	5. Knowledge can't meet the job's need 6. Dim prospect 7. Not matching personal interests 8. Others	
	nojobopp	B. No. What was the major difficulty that you faced in job seeking?	1. Interviewee's expertise unfitted to job openings	
	b12_b2	B. No. What was the secondary difficulty that you faced in job seeking?	2. Interviewee's educational attainment unfitted to job openings	
	b12_b3	B. No. What was the sub-secondary difficulty that you faced in job seeking?	3. Age limit imposed on job openings 4. Sex status restricted on job openings 5. Language barrier 6. Marital status restricted on job openings 7. Job feature unfitted 8. Others	
13	livcostsrc	What did you depend on for living while seeking a job?	1. Personal savings 2. Family supports 3. Layoff settlement or pension 4.Unemployment insurance or other unemployment allowances from government 5. Loans or other sources	
14	b14_1	Were you employed more than 3 months or worked as an unpaid family worker in 2009/2010? What is your job title?	2010 Refer to Appendix 4-1 2011 Refer to Appendix 4-2	

ques.num.	variable name <sup>1</sup>	variable label	value label	note
	b14_2	Were you employed more than 3 months or worked as an unpaid family worker in 2009/2010?	2. No	
15	b15	Why did you quit your job? (Unpaid family workers skip this question)	1. Attending schools or rebrushing to take entrance exams 2. Housekeeping 3. Female employee getting married or giving birth 4. Family finance getting better 5. Wound or illness 6. Retired 7. Seasonal or temporary job completed 8. Workplace shutout or business downsize 9. Others	
16	b16	Did you seek for a job in 2009/2010? Why did you stop seeking?	1. Yes. Believes no job available in the market . 2. Yes. Lacks necessary schooling, training, skills or experiences etc., couldn't find any job. 3. Yes. Other reasons, so stop seeking. 4. No. Not sought yet in 2009/2010	
17	If the work condition (pay, working site, working hours, working environment and so on) of a job ideally meet your requirement, are you willing to work?			
	b17_a1	A. Yes, expected job title	2010 Refer to Appendix 4-1 2011 Refer to Appendix 4-2	
	b17_a2	A. Yes, expected working location	2010 Refer to Appendix 2-1 2011 Refer to Appendix 2-2	
	b17_a3	A. Yes, expected monthly pay		
	b17_a4	A. Yes, expected job type	1. Full-time job 2. Part-time job	
	b17_a5	A. Yes, to work as a temporary or dispatched worker	1. Yes 2. No	
	b17_b	B. No. Why not to work?	1. Female employee getting married or giving birth 2. Family finance is good enough, no need to work 3. Responsibility in taking care of family members 4. Ill health, wound or illness 5. Attending schools or rebrushing to take entrance exams 6. Waiting for conscription 7. Helping hands given to family business 8. Others	
18	How many children do you have? A. Have children:			
	b18_a1	children aged under 3 years ____persons		
	b18_a2	children aged 3-6 years ____persons		
	b18_a3	children aged 6-15 years ____persons		
	b18_a4	children aged 15-18 years ____persons		
	b18_a5	children aged over 18 years ____persons		
	havingchild	How many children do you have?	1. No children yet	Married or



ques.num.	variable name <sup>1</sup>	variable label	value label	note
			2. Have children	cohabiting women have been answered.
	weight	Weight		
	newjobopp	Do you have new job opportunity?	1.Yes 2.No	Created variable
	cjobseniority	Job tenure	cjobyear+cjobmonth/12	
	adjwei_1	Phase I expansion of the weighted		
	adjwei_2	Phase II expansion of the weighted		
	avgadjwei	The weighted average of Phase I and Phase II		

## **Appendix 1-1 County Code**

01	Taipei County
02	Yilan County
03	Taoyuan County
04	Hsinchu County
05	Miaoli County
06	Taichung County
07	Changhua County
08	Nantou County
09	Yunlin County
10	Chiayi County
11	Tainan County
12	Kaohsiung County
13	Pingtung County
14	Taitung County
15	Hualien County
16	Penghu County
17	Keelung City
18	Hsinchu City
19	Taichung City
20	Chiayi City
21	Tainan City
63	Taipei City
64	Kaohsiung City
65	Kinmen County and Matsu County
66	Mainland China (including Hong Kong and Macao)
67	Foreign Area

## **Appendix 1-2 County Code**

02	Yilan County
03	Taoyuan County
04	Hsinchu County
05	Miaoli County
07	Changhua County
08	Nantou County
09	Yunlin County
10	Chiayi County
13	Pingtung County
14	Taitung County
15	Hualien County
16	Penghu County
17	Keelung City
18	Hsinchu City
20	Chiayi City
63	Taipei City
64	Kaohsiung City
65	New Taipei City
66	Taichung City
67	Tainan City
75	Kinmen County and Matsu County
76	Mainland China (including Hong Kong and Macao)
77	Foreign Area

## Appendix 2-1 Townships Code

100	Taipei County	207	Yuanshan Township, Yilan County	412	Jianshih Township, Hsinchu County
101	Banciao City, Taipei County	208	Dongshan Township, Yilan County	413	Wufong Township, Hsinchu County
102	Sanchong City, Taipei County	209	Wujie Township, Yilan County	500	Miaoli County
103	Jhonghe City, Taipei County	210	Sansing Township, Yilan County	501	Miaoli City, Miaoli County
104	Yonghe City, Taipei County	211	Datong Township, Yilan County	502	Yuanli Township, Miaoli County
105	Sinjhuang City, Taipei County	212	Nanao Township, Yilan County	503	Tongsiao Township, Miaoli County
106	Sindian City, Taipei County	300	Taoyuan County	504	Jhunan Township, Miaoli County
107	Shulin City, Taipei County	301	Taoyuan City, Taoyuan County	505	Toufen Township, Miaoli County
108	Yingge Township, Taipei County	302	Jhongli City, Taoyuan County	506	Houlong Township, Miaoli County
109	Sansia Township, Taipei County	303	Dasi Township, Taoyuan County	507	Jhuolan Township, Miaoli County
110	Danshuei Township, Taipei County	304	Yangmei Township, Taoyuan County	508	Dahu Township, Miaoli County
111	Sijhih City, Taipei County	305	Lujhu Township, Taoyuan County	509	Gongguan Township, Miaoli County
112	Rueifang Township, Taipei County	306	Dayuan Township, Taoyuan County	510	Tongluo Township, Miaoli County
113	Tucheng City, Taipei County	307	Gueishan Township, Taoyuan County	511	Nanjhuang Township, Miaoli County
114	Lujhou City, Taipei County	308	Bade City, Taoyuan County	512	Touwu Township, Miaoli County
115	Wugu Township, Taipei County	309	Longtan Township, Taoyuan County	513	Sanyi Township, Miaoli County
116	Taishan Township, Taipei County	310	Pingjhen City, Taoyuan County	514	Sihu Township, Miaoli County
117	Linkou Township, Taipei County	311	Sinwu Township, Taoyuan County	515	Zaociao Township, Miaoli County
118	Shenkeng Township, Taipei County	312	Guanyin Township, Taoyuan County	516	Sanwan Township, Miaoli County
119	Shihding Township, Taipei County	313	Fusing Township, Taoyuan County	517	Shihtan Township, Miaoli County
120	Pinglin Township, Taipei County	400	Hsinchu County	518	Taian Township, Miaoli County
121	Sanjhih Township, Taipei County	401	Jhubei City, Hsinchu County	600	Taichung County
122	Shihmen Township, Taipei County	402	Jhudong Township, Hsinchu County	601	Fongyuan City, Taichung County
123	Bali Township, Taipei County	403	Sinpu Township, Hsinchu County	602	Dongshih Township, Taichung County
124	Pingsi Township, Taipei County	404	Guansi Township, Hsinchu County	603	Dajia Township, Taichung County
125	Shuangsi Township, Taipei County	405	Hukou Township, Hsinchu County	604	Cingshuei Township, Taichung County
126	Gongliao Township, Taipei County	406	Sinfong Township, Hsinchu County	605	Shalu Township, Taichung County
127	Jinshan Township, Taipei County	407	Cyonglin Township, Hsinchu County	606	Wuci Township, Taichung County
128	Wanli Township, Taipei County	408	Hengshan Township, Hsinchu County	607	Houli Township, Taichung County
129	Wulai Township, Taipei County	409	Beipu Township, Hsinchu County	608	Shengang Township, Taichung County
200	Yilan County	410	Baoshan Township, Hsinchu County	609	Tanzih Township, Taichung County
201	Yilan City, Yilan County	411	Emei Township, Hsinchu County		
202	Luodong Township, Yilan County				
203	Suao Township, Yilan County				
204	Toucheng Township, Yilan County				
205	Jiaosi Township, Yilan County				
206	Jhuangwei Township, Yilan County				

610	Daya Township, Taichung County	720	Erlin Township, Changhua County	913	Mailiao Township, Yunlin County
611	Sinshe Township, Taichung County	721	Tianwei Township, Changhua County	914	Dongshih Township, Yunlin County
612	Shihgang Township, Taichung County	722	Beitou Township, Changhua County	915	Baojhong Township, Yunlin County
613	Waipu Township, Taichung County	723	Fangyuan Township, Changhua County	916	Taisi Township, Yunlin County
614	Daan Township, Taichung County	724	Dacheng Township, Changhua County	917	Yuanchang Township, Yunlin County
615	Wurih Township, Taichung County	725	Jhutang Township, Changhua County	918	Sihhu Township, Yunlin County
616	Dadu Township, Taichung County	726	Sijhou Township, Changhua County	919	Kouhu Township, Yunlin County
617	Longjing Township, Taichung County	800	Nantou County	920	Shueilin Township, Yunlin County
618	Wufong Township, Taichung County	801	Nantou City, Nantou County	1000	Chiayi County
619	Taiping City, Taichung County	802	Puli Township, Nantou County	1001	Taibao City, Chiayi County
620	Dali City, Taichung County	803	Caotun Township, Nantou County	1002	Puzih City, Chiayi County
621	Heping Township, Taichung County	804	Jhushan Township, Nantou County	1003	Budai Township, Chiayi County
700	Changhua County	805	Jiji Township, Nantou County	1004	Dalin Township, Chiayi County
701	Changhua City, Changhua County	806	Mingjian Township, Nantou County	1005	Minsyong Township, Chiayi County
702	Lugang Township, Changhua County	807	Lugu Township, Nantou County	1006	Sikou Township, Chiayi County
703	Hemei Township, Changhua County	808	Jhongliao Township, Nantou County	1007	Singang Township, Chiayi County
704	Siansi Township, Changhua County	809	Yuchih Township, Nantou County	1008	Lioujiao Township, Chiayi County
705	Shengang Township, Changhua County	810	Guosing Township, Nantou County	1009	Dongshih Township, Chiayi County
706	Fusing Township, Changhua County	811	Shueili Township, Nantou County	1010	Yijhu Township, Chiayi County
707	Sioushuei Township, Changhua County	812	Sinyi Township, Nantou County	1011	Lucao Township, Chiayi County
708	Huatan Township, Changhua County	813	Renai Township, Nantou County	1012	Shueishang Township, Chiayi County
709	Fenyuan Township, Changhua County	900	Yunlin County	1013	Jhongpu Township, Chiayi County
710	Yuanlin Township, Changhua County	901	Douliou City, Yunlin County	1014	Jhuci Township, Chiayi County
711	Sihu Township, Changhua County	902	Dounan Township, Yunlin County	1015	Meishan Township, Chiayi County
712	Tianjhong Township, Changhua County	903	Huwei Township, Yunlin County	1016	Fanlu Township, Chiayi County
713	Dacun Township, Changhua County	904	Siluo Township, Yunlin County	1017	Dapu Township, Chiayi County
714	Puyan Township, Changhua County	905	Tuku Township, Yunlin County	1018	Alishan Township, Chiayi County
715	Pusin Township, Changhua County	906	Beigang Township, Yunlin County	1100	Tainan County
716	Yongjing Township, Changhua County	907	Gukeng Township, Yunlin County	1101	Sinying City, Tainan County
717	Shetou Township, Changhua County	908	Dabi Township, Yunlin County	1102	Yanshuei Township, Tainan County
718	Ershuei Township, Changhua County	909	Cihtong Township, Yunlin County	1103	Baihe Township, Tainan County
719	Beidou Township, Changhua County	910	Linnei Township, Yunlin County	1104	Liouying Township, Tainan County
		911	Erlun Township, Yunlin County	1105	Houbi Township, Tainan County
		912	Lunbei Township, Yunlin County		

1106 Dongshan Township, Tainan County	County	1310 Yanpu Township, Pingtung County
1107 Madou Township, Tainan County	1207 Niasong Township, Kaohsiung County	1311 Gaoshu Township, Pingtung County
1108 Siaying Township, Tainan County	1208 Gangshan Township, Kaohsiung County	1312 Wanluan Township, Pingtung County
1109 Lioujia Township, Tainan County	1209 Ciaotou Township, Kaohsiung County	1313 Neipu Township, Pingtung County
1110 Guantian Township, Tainan County	1210 Yanchao Township, Kaohsiung County	1314 Jhutian Township, Pingtung County
1111 Danei Township, Tainan County	1211 Tianliao Township, Kaohsiung County	1315 Sinbi Township, Pingtung County
1112 Jiali Township, Tainan County	1212 Alian Township, Kaohsiung County	1316 Fangliao Township, Pingtung County
1113 Syuejia Township, Tainan County	1213 Lujhu Township, Kaohsiung County	1317 Sinyuan Township, Pingtung County
1114 Sigang Township, Tainan County	1214 Hunei Township, Kaohsiung County	1318 Kanding Township, Pingtung County
1115 Cigu Township, Tainan County	1215 Jiading Township, Kaohsiung County	1319 Linbian Township, Pingtung County
1116 Jiangjyun Township, Tainan County	1216 Yongan Township, Kaohsiung County	1320 Nanjhou Township, Pingtung County
1117 Beimen Township, Tainan County	1217 Mituo Township, Kaohsiung County	1321 Jiadong Township, Pingtung County
1118 Sinhua Township, Tainan County	1218 Zihguan Township, Kaohsiung County	1322 Liouciou Township, Pingtung County
1119 Shanhua Township, Tainan County	1219 Cishan Township, Kaohsiung County	1323 Checheng Township, Pingtung County
1120 Sinshih Township, Tainan County	1220 Meinong Township, Kaohsiung County	1324 Manjhou Township, Pingtung County
1121 Anding Township, Tainan County	1221 Liouguei Township, Kaohsiung County	1325 Fangshan Township, Pingtung County
1122 Shanshang Township, Tainan County	1222 Jiasian Township, Kaohsiung County	1326 Sandimen Township, Pingtung County
1123 Yujing Township, Tainan County	1223 Shanlin Township, Kaohsiung County	1327 Wutai Township, Pingtung County
1124 Nansi Township, Tainan County	1224 Neimen Township, Kaohsiung County	1328 Majia Township, Pingtung County
1125 Nanhua Township, Tainan County	1225 Maolin Township, Kaohsiung County	1329 Taiwu Township, Pingtung County
1126 Zuojhen Township, Tainan County	1226 Taoyuan Township, Kaohsiung County	1330 Laiyi Township, Pingtung County
1127 Rende Township, Tainan County	1227 Sanmin Township, Kaohsiung County	1331 Chunrih Township, Pingtung County
1128 Gueiren Township, Tainan County	1300 Pingtung County	1332 Shihzih Township, Pingtung County
1129 Guanmiao Township, Tainan County	1301 Pingtung City, Pingtung County	1333 Mudan Township, Pingtung County
1130 Longci Township, Tainan County	1302 Chaojhou Township, Pingtung County	1400 Taitung County
1131 Yongkang City, Tainan County	1303 Donggang Township, Pingtung County	1401 Taitung City, Taitung County
1200 Kaohsiung County	1304 Hengchun Township, Pingtung County	1402 Chenggong Township, Taitung County
1201 Fongshan City, Kaohsiung County	1305 Wandan Township, Pingtung County	1403 Guanshan Township, Taitung County
1202 Linyuan Township, Kaohsiung County	1306 Changjhih Township, Pingtung County	1404 Beinan Township, Taitung County
1203 Daliao Township, Kaohsiung County	1307 Linluo Township, Pingtung County	1405 Luye Township, Taitung County
1204 Dashu Township, Kaohsiung County	1308 Jiouru Township, Pingtung County	1406 Chihshang Township, Taitung County
1205 Dashe Township, Kaohsiung County	1309 Ligang Township, Pingtung County	1407 Donghe Township, Taitung County
1206 Renwu Township, Kaohsiung County		

1408 Changbin Township, Taitung County	1705 Jhongshan Dist., Keelung City	7102 Beigan Township, Lienchiang County
1409 Taimali Township, Taitung County	1706 Anle Dist., Keelung City	7103 Jyuguang Township, Lienchiang County
1410 Dawu Township, Taitung County	1707 Sinyi Dist., Keelung City	7104 Dongyin Township, Lienchiang County
1411 Lyudao Township, Taitung County	1800 Hsinchu City	7201 Jincheng Township, Kinmen County
1412 Haiduan Township, Taitung County	1801 East Dist., Hsinchu City	7202 Jinsha Township, Kinmen County
1413 Yanping Township, Taitung County	1802 North Dist., Hsinchu City	7203 Jinhu Township, Kinmen County
1414 Jinfong Township, Taitung County	1803 Siangshan Dist., Hsinchu City	7204 Jinning Township, Kinmen County
1415 Daren Township, Taitung County	1900 Taichung City	7205 Lieyu Township, Kinmen County
1416 Lanyu Township, Taitung County	1901 Central Dist., Taichung City	7206 Wuciou Township, Kinmen County
1500 Hualien County	1902 East Dist., Taichung City	
1501 Hualien City, Hualien County	1903 South Dist., Taichung City	
1502 Fonglin Township, Hualien County	1904 West Dist., Taichung City	
1503 Yuli Township, Hualien County	1905 North Dist., Taichung City	
1504 Sincheng Township, Hualien County	1906 Situn Dist., Taichung City	
1505 Jian Township, Hualien County	1907 Nantun Dist., Taichung City	
1506 Shoufong Township, Hualien County	1908 Beitun Dist., Taichung City	
1507 Guangfu Township, Hualien County	2000 Chiayi City	
1508 Fongbin Township, Hualien County	2001 East Dist., Chiayi City	
1509 Rueisuei Township, Hualien County	2002 West Dist., Chiayi City	
1510 Fuli Township, Hualien County	2100 Tainan City	
1511 Sioulin Township, Hualien County	2101 East Dist., Tainan City	
1512 Wanrong Township, Hualien County	2102 South Dist., Tainan City	
1513 Jhuosi Township, Hualien County	2104 North Dist., Tainan City	
1600 Penghu County	2106 Annan Dist., Tainan City	
1601 Magong City, Penghu County	2107 Anping Dist., Tainan City	
1602 Husi Township, Penghu County	2108 West Central Dist., Tainan City	
1603 Baisha Township, Penghu County	6300 Taipei City	
1604 Siyu Township, Penghu County	6301 Songshan Dist., Taipei City	
1605 Wangan Township, Penghu County	6302 Sinyi Dist., Taipei City	
1606 Cimei Township, Penghu County	6303 Daan Dist., Taipei City	
1700 Keelung City	6304 Jhongshan Dist., Keelung City	
1701 Jhongjheng Dist., Keelung City	6305 Jhongjheng Dist., Taipei City	
1702 Cidu Dist., Keelung City	6306 Datong Dist., Taipei City	
1703 Nuannuan Dist., Keelung City	6307 Wanhua Dist., Taipei City	
1704 Renai Dist., Keelung City	6308 Wunshan Dist., Taipei City	
	6309 Nangang Dist., Taipei City	
	6310 Neihu Dist., Taipei City	
	6311 Shihlin Dist., Taipei City	
	6312 Beitou Dist., Taipei City	
	6400 Kaohsiung City	
	6401 Yancheng Dist., Kaohsiung City	
	6402 Gushan Dist., Kaohsiung City	
	6403 Zuoying Dist., Kaohsiung City	
	6404 Nanzih Dist., Kaohsiung City	
	6405 Sanmin Dist., Kaohsiung City	
	6406 Sinsing Dist., Kaohsiung City	
	6407 Cianjin Dist., Kaohsiung City	
	6408 Lingya Dist., Kaohsiung City	
	6409 Cianjhen Dist., Kaohsiung City	
	6410 Cijin Dist., Kaohsiung City	
	6411 Siaogang Dist., Kaohsiung City	
	6500 Kinmen County 、Matsu	
	6600 China 、Hong kong 、Macau Area	
	6700 Foreign Area	
	7101 Nangan Township, Lienchiang County	

## Appendix 2-2 Townships Code

0200	Yilan County		County	0702	Lugang Township, Changhua County
0201	Yilan City, Yilan County	0405	Hukou Township, Hsinchu County	0703	Hemei Township, Changhua County
0202	Luodong Township, Yilan County	0406	Sinfong Township, Hsinchu County	0704	Siansi Township, Changhua County
0203	Suao Township, Yilan County	0407	Cyonglin Township, Hsinchu County	0705	Shengang Township, Changhua County
0204	Toucheng Township, Yilan County	0408	Hengshan Township, Hsinchu County	0706	Fusing Township, Changhua County
0205	Jiaosi Township, Yilan County	0409	Beipu Township, Hsinchu County	0707	Sioushuei Township, Changhua County
0206	Jhuangwei Township, Yilan County	0410	Baoshan Township, Hsinchu County	0708	Huatan Township, Changhua County
0207	Yuanshan Township, Yilan County	0411	Emei Township, Hsinchu County	0709	Fenyuan Township, Changhua County
0208	Dongshan Township, Yilan County	0412	Jianshih Township, Hsinchu County	0710	Yuanlin Township, Changhua County
0209	Wujie Township, Yilan County	0413	Wufong Township, Hsinchu County	0711	Sihu Township, Changhua County
0210	Sansing Township, Yilan County	0500	Miaoli County	0712	Tianjhong Township, Changhua County
0211	Datong Township, Yilan County	0501	Miaoli City, Miaoli County	0713	Dacun Township, Changhua County
0212	Nanao Township, Yilan County	0502	Yuanli Township, Miaoli County	0714	Puyan Township, Changhua County
0300	Taoyuan County	0503	Tongsiao Township, Miaoli County	0715	Pusin Township, Changhua County
0301	Taoyuan City, Taoyuan County	0504	Jhunan Township, Miaoli County	0716	Yongjing Township, Changhua County
0302	Jhongli City, Taoyuan County	0505	Toufen Township, Miaoli County	0717	Shetou Township, Changhua County
0303	Dasi Township, Taoyuan County	0506	Houlong Township, Miaoli County	0718	Ershuei Township, Changhua County
0304	Yangmei Township, Taoyuan County	0507	Jhuolan Township, Miaoli County	0719	Beidou Township, Changhua County
0305	Lujhu Township, Taoyuan County	0508	Dahu Township, Miaoli County	0720	Erlin Township, Changhua County
0306	Dayuan Township, Taoyuan County	0509	Gongguan Township, Miaoli County	0721	Tianwei Township, Changhua County
0307	Gueishan Township, Taoyuan County	0510	Tongluo Township, Miaoli County	0722	Beitou Township, Changhua County
0308	Bade City, Taoyuan County	0511	Nanjhuang Township, Miaoli County	0723	Fangyuan Township, Changhua County
0309	Longtan Township, Taoyuan County	0512	Touwu Township, Miaoli County	0724	Dacheng Township, Changhua County
0310	Pingjhen City, Taoyuan County	0513	Sanyi Township, Miaoli County	0725	Jhutang Township, Changhua County
0311	Sinwu Township, Taoyuan County	0514	Sihu Township, Miaoli County	0726	Sijhou Township, Changhua County
0312	Guanyin Township, Taoyuan County	0515	Zaociao Township, Miaoli County	0800	Nantou County
0313	Fusing Township, Taoyuan County	0516	Sanwan Township, Miaoli County	0801	Nantou City, Nantou County
0400	Hsinchu County	0517	Shihtan Township, Miaoli County	0802	Puli Township, Nantou County
0401	Jhubei City, Hsinchu County	0518	Taian Township, Miaoli County	0803	Caotun Township, Nantou County
0402	Jhudong Township, Hsinchu County	0700	Changhua County	0804	Jhushan Township, Nantou
0403	Sinpu Township, Hsinchu County	0701	Changhua City, Changhua County		
0404	Guansi Township, Hsinchu County				



	County	1000	Chiayi County	1313	Neipu Township, Pingtung County
0805	Jiji Township, Nantou County	1001	Taibao City, Chiayi County	1314	Jhutian Township, Pingtung County
0806	Mingjian Township, Nantou County	1002	Puzih City, Chiayi County	1315	Sinbi Township, Pingtung County
0807	Lugu Township, Nantou County	1003	Budai Township, Chiayi County	1316	Fangliao Township, Pingtung County
0808	Jhongliao Township, Nantou County	1004	Dalin Township, Chiayi County	1317	Sinyuan Township, Pingtung County
0809	Yuchih Township, Nantou County	1005	Minsyong Township, Chiayi County	1318	Kanding Township, Pingtung County
0810	Guosing Township, Nantou County	1006	Sikou Township, Chiayi County	1319	Linbian Township, Pingtung County
0811	Shueili Township, Nantou County	1007	Singang Township, Chiayi County	1320	Nanjhou Township, Pingtung County
0812	Sinyi Township, Nantou County	1008	Lioujiao Township, Chiayi County	1321	Jiadong Township, Pingtung County
0813	Renai Township, Nantou County	1009	Dongshih Township, Chiayi County	1322	Liouciou Township, Pingtung County
0900	Yunlin County	1010	Yijhu Township, Chiayi County	1323	Checheng Township, Pingtung County
0901	Douliou City, Yunlin County	1011	Lucao Township, Chiayi County	1324	Manjhou Township, Pingtung County
0902	Dounan Township, Yunlin County	1012	Shueishang Township, Chiayi County	1325	Fangshan Township, Pingtung County
0903	Huwei Township, Yunlin County	1013	Jhongpu Township, Chiayi County	1326	Sandimen Township, Pingtung County
0904	Siluo Township, Yunlin County	1014	Jhuci Township, Chiayi County	1327	Wutai Township, Pingtung County
0905	Tuku Township, Yunlin County	1015	Meishan Township, Chiayi County	1328	Majia Township, Pingtung County
0906	Beigang Township, Yunlin County	1016	Fanlu Township, Chiayi County	1329	Taiwu Township, Pingtung County
0907	Gukeng Township, Yunlin County	1017	Dapu Township, Chiayi County	1330	Laiyi Township, Pingtung County
0908	Dabi Township, Yunlin County	1018	Alishan Township, Chiayi County	1331	Chunrih Township, Pingtung County
0909	Cihtong Township, Yunlin County	1300	Pingtung County	1332	Shihzih Township, Pingtung County
0910	Linnei Township, Yunlin County	1301	Pingtung City, Pingtung County	1333	Mudan Township, Pingtung County
0911	Erlun Township, Yunlin County	1302	Chaojhou Township, Pingtung County	1400	Taitung County
0912	Lunbei Township, Yunlin County	1303	Donggang Township, Pingtung County	1401	Taitung City, Taitung County
0913	Mailiao Township, Yunlin County	1304	Hengchun Township, Pingtung County	1402	Chenggong Township, Taitung County
0914	Dongshih Township, Yunlin County	1305	Wandan Township, Pingtung County	1403	Guanshan Township, Taitung County
0915	Baojhong Township, Yunlin County	1306	Changjhih Township, Pingtung County	1404	Beinan Township, Taitung County
0916	Taisi Township, Yunlin County	1307	Linluo Township, Pingtung County	1405	Luye Township, Taitung County
0917	Yuanchang Township, Yunlin County	1308	Jiouru Township, Pingtung County	1406	Chihshang Township, Taitung County
0918	Sihhu Township, Yunlin County	1309	Ligang Township, Pingtung County	1407	Donghe Township, Taitung County
0919	Kouhu Township, Yunlin County	1310	Yanpu Township, Pingtung County	1408	Changbin Township, Taitung County
0920	Shueilin Township, Yunlin County	1311	Gaoshu Township, Pingtung County	1409	Taimali Township, Taitung County
		1312	Wanluan Township, Pingtung County		

	County	6500	New Taipei City
1410	Dawu Township, Taitung County	6600	Taichung City
	County	6700	Tainan City
1411	Lyudao Township, Taitung County	7500	Kinmen County and Matsu County
1412	Haiduan Township, Taitung County	7600	Mainland China (including Hong Kong and Macao)
1413	Yanping Township, Taitung County	7700	Foreign Area
1414	Jinfong Township, Taitung County		
1415	Daren Township, Taitung County		
1416	Lanyu Township, Taitung County		
1500	Hualien County		
1501	Hualien City, Hualien County		
1502	Fonglin Township, Hualien County		
1503	Yuli Township, Hualien County		
1504	Sincheng Township, Hualien County		
1505	Jian Township, Hualien County		
1506	Shoufong Township, Hualien County		
1507	Guangfu Township, Hualien County		
1508	Fongbin Township, Hualien County		
1509	Rueisuei Township, Hualien County		
1510	Fuli Township, Hualien County		
1511	Sioulin Township, Hualien County		
1512	Wanrong Township, Hualien County		
1513	Jhuosi Township, Hualien County		
1600	Penghu County		
1601	Magong City, Penghu County		
1602	Husi Township, Penghu County		
1603	Baisha Township, Penghu County		
1604	Siyu Township, Penghu County		
1605	Wangan Township, Penghu County		
1606	Cimei Township, Penghu County		
1700	Keelung City		
1800	Hsinchu City		
2000	Chiayi City		
6300	Taipei City		
6400	Kaohsiung City		

### Appendix 3 Industry code

01	Agriculture and Animal Husbandry	52	Support Activities for Transportation
02	Forestry	53	Warehousing and Storage
03	Fishing	54	Postal and Courier Activities
05	Extraction of Crude Petroleum and Natural Gas	55	Accommodation
06	Quarrying of Stone, Sand and Clay	56	Food and Beverage Service Activities
07	Other Mining and Quarrying	58	Publishing Activities
08	Manufacture of Food Products	59	Motion Picture, Video and Television Programme Production, Sound Recording and Music Publishing Activities
09	Manufacture of Beverages		
10	Manufacture of Tobacco Products	60	Programming and Broadcasting Activities
11	Manufacture of Textiles	61	Telecommunications
12	Manufacture of Wearing Apparel and Clothing Accessories	62	Computer Systems Design Services
13	Manufacture of Leather, Fur and Related Products	63	Information Service Activities
14	Manufacture of Wood and of Products of Wood and Bamboo	64	Financial Intermediation
15	Manufacture of Paper and Paper Products	65	Insurance
16	Printing and Reproduction of Recorded Media	66	Securities, Futures and other Financing
17	Manufacture of Petroleum and Coal Products	67	Real Estate Development Activities
18	Manufacture of Chemical Material	68	Real Estate Operation and Related Activities
19	Manufacture of Chemical Products	69	Legal and Accounting Activities
20	Manufacture of Pharmaceuticals and Medical Chemical Products	70	Activities of Head Offices; Management Consultancy Activities
21	Manufacture of Rubber Products	71	Architecture and Engineering Activities; Technical Testing and Analysis
22	Manufacture of Plastics Products	72	Scientific Research and Development
23	Manufacture of Other Non-metallic Mineral Products	73	Advertising and Market Research
24	Manufacture of Basic Metals	74	Specialized Design Activities
25	Manufacture of Fabricated Metal Products	75	Veterinary Activities
26	Manufacture of Electronic Parts and Components	76	Other Professional, Scientific and Technical Activities
27	Manufacture of Computers, Electronic and Optical Products	77	Rental and Leasing Activities
28	Manufacture of Electrical Equipment	78	Employment Activities
29	Manufacture of Machinery and Equipment	79	Travel agency, Tour Operator, Reservation Service and Related Activities
30	Manufacture of Motor Vehicles and Parts	80	Security and Investigation Activities
31	Manufacture of Other Transport Equipment and Parts	81	Services to Buildings and Landscape Activities
32	Manufacture of Furniture	82	Business and Office Support Activities
33	Other Manufacturing	83	Public Administration and Defence; Compulsory Social Security
34	Repair and Installation of Industrial Machinery and Equipment	84	Activities of Extraterritorial Organizations and Bodies
35	Electricity and Gas Supply	85	Education
36	Water Supply	86	Human Health Activities
37	Wastewater (Sewage) Treatment	87	Residential Care Activities
38	Waste Collection, Treatment and Disposal Activities; Materials Recovery	88	Social Work Activities without Accommodation
39	Remediation Activities and Other Waste Management Services	90	Creative, Arts and Entertainment Activities
41	Construction of Buildings	91	Libraries, Archives, Museums and Other Cultural Activities
42	Civil Engineering	92	Gambling and Betting Activities
43	Specialized Construction Activities	93	Sports Activities and Amusement and Recreation Activities
45	Wholesale Trade	94	Activities of Membership Organizations
46	Wholesale Trade	95	Maintenance and Repair of Personal and Household Goods
47	Retail Trade		
48	Retail Trade	96	Other Personal Service Activities
49	Land Transportation		
50	Water Transportation		
51	Air Transportation		

## **Appendix 4-1 Occupation Code**

01	Servicemen
11	Legislators and Government Administrators
12	Directors and Chief Executives
13	Production and Operations Managers
19	Other Managers
21	Physical, Mathematical and Engineering Science Professionals
22	Biological Science and Health Professionals
23	Teachers
24	Accountants and Business Professionals
25	Lawyers and Legal Professionals
26	Social Science and Related Professionals
29	Other Professionals
31	Physical and Engineering Science Associate Professionals
32	Biological Science and Health Associate Professionals
33	Teaching and Related Associate Professionals
34	Finance and Business Services Associate Professionals
35	Government Administrative Officials and Business Clerical Supervisors
36	Administrative Associate Professionals
37	Customs, Tax and Related Government Associate Professionals
39	Other Associate Professionals
41	Office Clerks
42	Customer Services Clerks
51	Personal Services Workers
52	Protective Services Workers
53	Models, Salespersons and Demonstrators
60	Agricultural, Animal Husbandry, Forestry and Fishing Workers
71	Extraction and Building Trades Workers
72	Metal, Machinery and Related Trades Workers
73	Precision, Handicraft, Printing and Related Trades Workers
79	Other Craft and Related Trades Workers
81	Stationary-plant and Related Operators
82	Machine Operators
83	Assemblers
84	Drivers and Mobile-plant Operators
91	Sales and Services Elementary Occupations
92	Production Laborers and Related Workers
99	Other Elementary Occupations

## **Appendix 4-2 Occupation Code**

01	Armed Forces Occupations
11	Legislators, Senior Officials and Chief Executives
12	Administrative and Commercial Managers
13	Production and Specialized Services Managers
14	Hospitality, Retail and Other Establishments Services Managers
21	Science and Engineering Professionals
22	Health Professionals
23	Teaching Professionals
24	Business and Administration Professionals
25	Information and Communications Technology Professionals
26	Legal, Social and Cultural Professionals
31	Science and Engineering Associate Professionals
32	Health Associate Professionals
33	Business and Administration Associate Professionals
34	Legal, Social, Cultural and Related Associate Professionals
35	Information and Communications Technicians
41	General And Keyboard Clerks
42	Customer Services Clerks
43	Accounting, Production, Transport and Related Clerks
49	Other Clerical Support Workers
51	Personal Service Workers
52	Sales Workers and Demonstrators
53	Personal Care Workers
54	Protective Services Workers
60	Skilled Agricultural, Forestry and Fishery Workers Skilled Agricultural, Forestry and Fishery Workers
71	Building and Related Trades Workers
72	Metal, Machinery and Related Trades Workers
73	Handicraft and Printing Workers
74	Electrical and Electronic Trades Workers
79	Other Craft and Related Trades Workers
81	Stationary Plant and Machine Operators
82	Assemblers
83	Drivers and Mobile Plant Operators
91	Cleaners and Helpers
92	Agricultural, Forestry and Fishery Labourers
93	Labourers In Mining, Construction, Manufacturing and Transport
94	Street Service Workers and No-Food Vendors
95	Refuse Workers, Sweepers and Related Workders
99	Other Elementary Labourers